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ABSTRACT OF THE DISCLOSURE

5 A mobile communication terminal having adaptive array
antennas is provided that is capable of transmitting signals
to an intended base station without interfering other devices,
even when a reception error occurs. The mobile communication
terminal basically performs array transmission/reception
using weight vectors produced in reception to weight and combine
signals received via antennas, and thereby receives a desired
10 signal. In transmission, the mobile communication terminal
uses the weight vectors used in reception to weight and combine
transmission signals and transmits them. However, when an
error detection circuit detects a reception error in the desired
signal, a transmission control unit turns off a switch for the
15 antenna and transmits the transmission signals in a
non-directional pattern via the antenna, so that the
transmission signal reaches the intended base station.

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